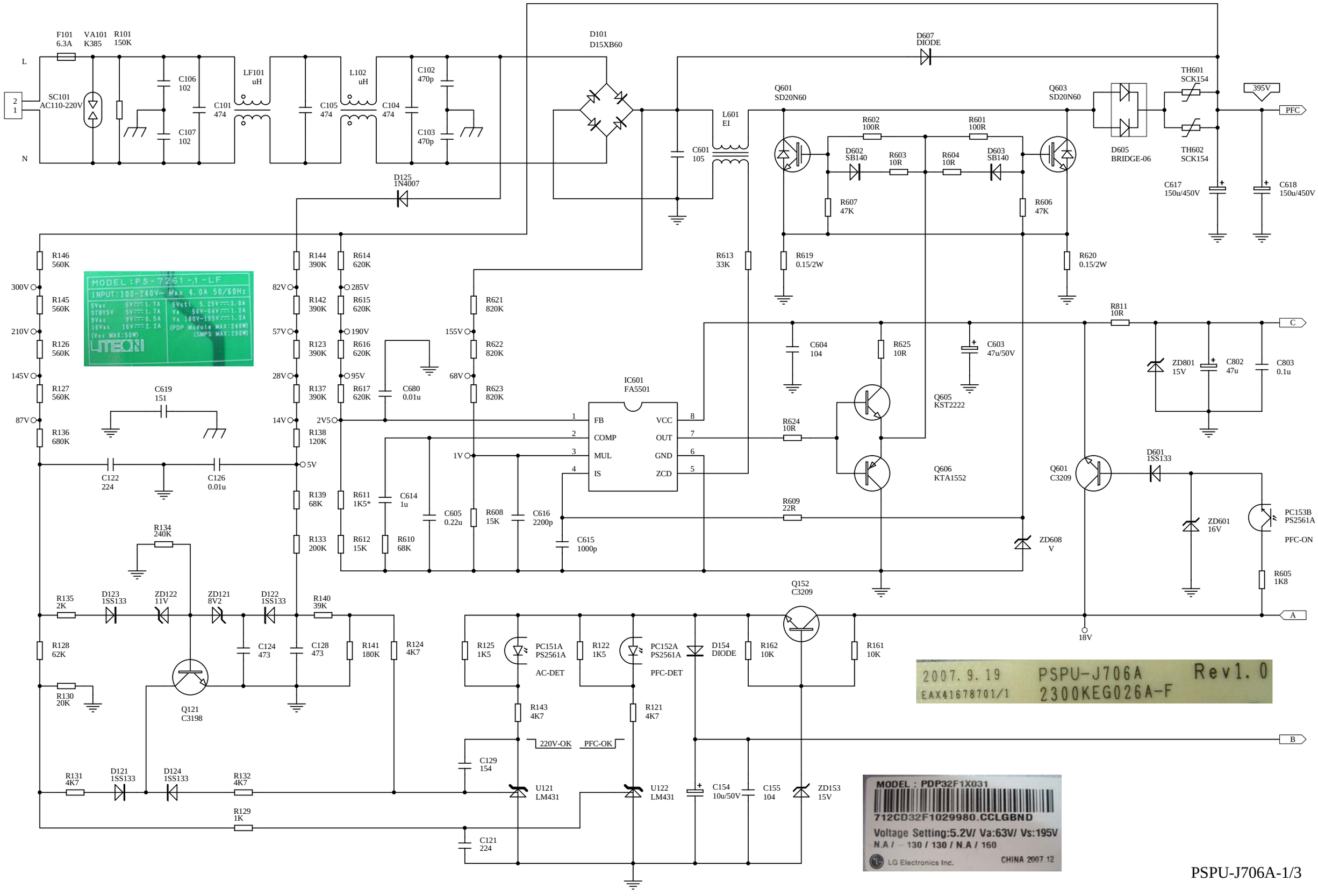
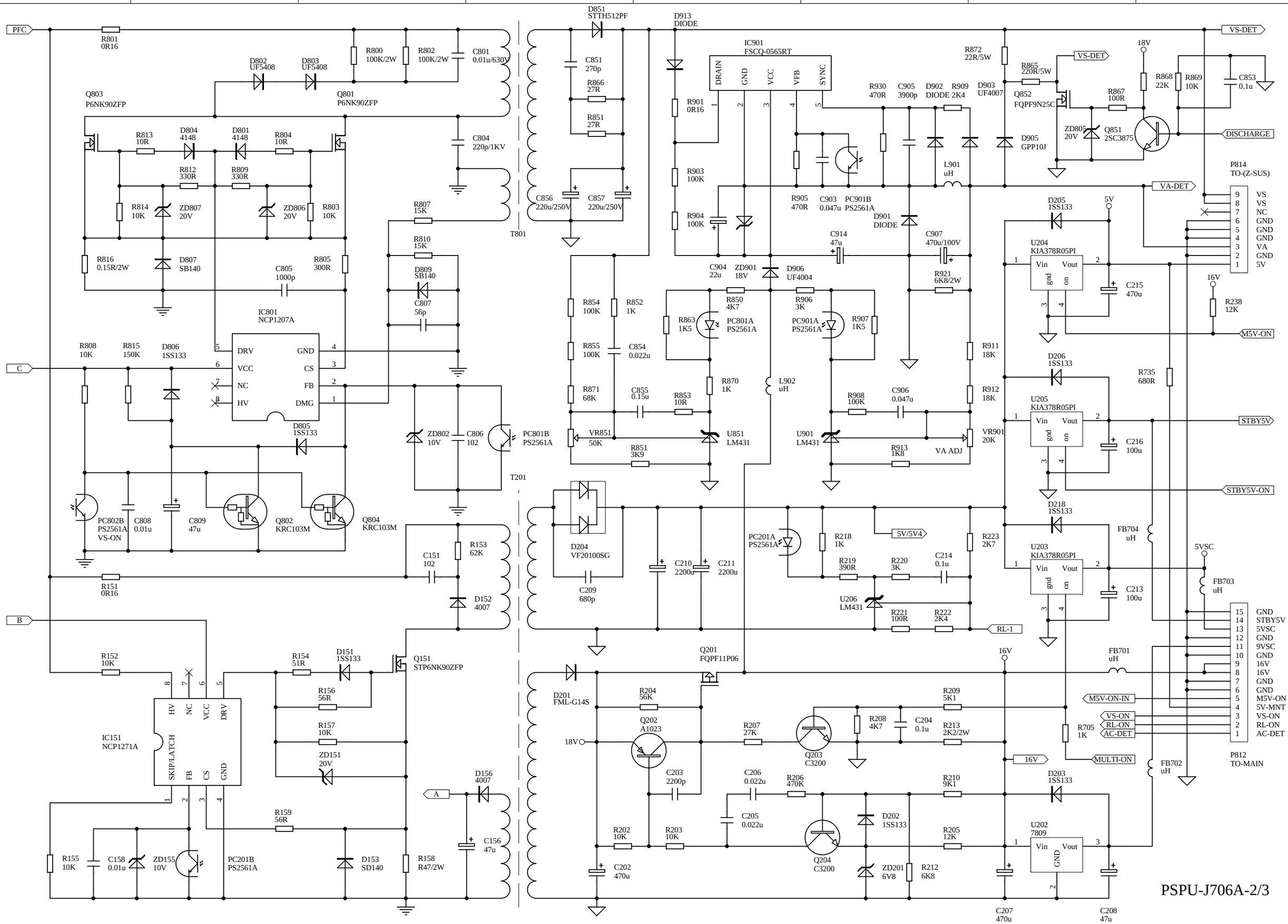
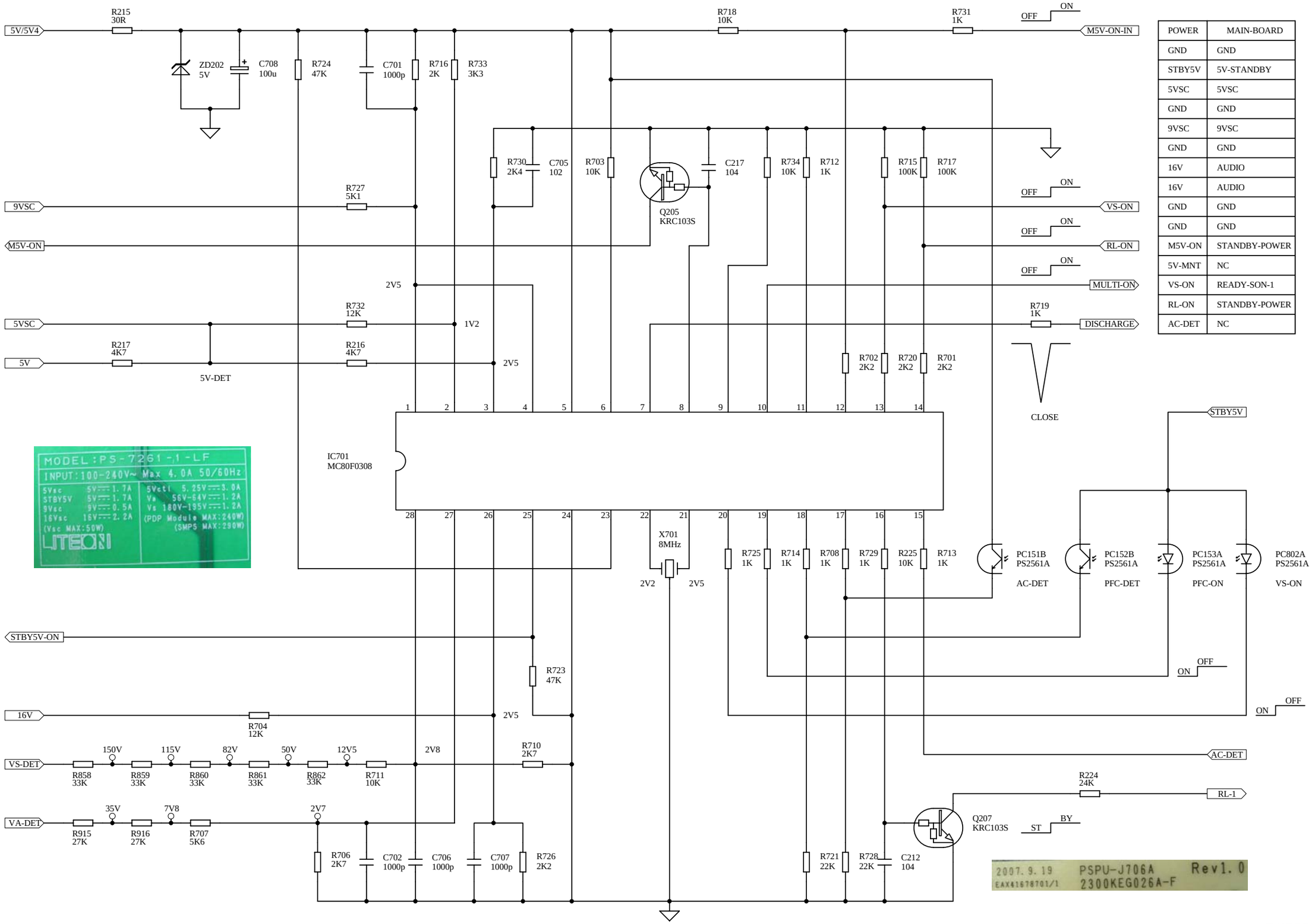

F101 6.3A
VA101 K385
R101 150K
L
N
SC101 AC110-220V
C106 102
C107 102
C101 474
LF101 uH
C105 474
L102 uH
C104 474
C102 470p
C103 470p
D125 1N4007
D101 D15XB60
C601 105
L601 EI
D607 DIODE
Q601 SD20N60
Q603 SD20N60
R602 100R
R601 100R
D602 SB140
R603 10R
R604 10R
D603 SB140
R607 47K
R606 47K
D605 BRIDGE-06
TH601 SCK154
TH602 SCK154
395V
PFC
C617 150u/450V
C618 150u/450V
R613 33K
R619 0.15/2W
R620 0.15/2W
R146 560K
R145 560K
R126 560K
R127 560K
R136 680K
300V
210V
145V
87V
C619 151
C122 224
C126 0.01u
R144 390K
R142 390K
R123 390K
R137 390K
R138 120K
R614 620K
R615 620K
R616 620K
R617 620K
82V
57V
28V
14V
2V5
5V
285V
190V
95V
C680 0.01u
R621 820K
R622 820K
R623 820K
155V
68V
IC601 FA5501
FB
COMP
MUL
IS
VCC
OUT
GND
ZCD
1V
R611 1K5*
C614 1u
R612 15K
R610 68K
C605 0.22u
R608 15K
C616 2200p
C615 1000p
R609 22R
R139 68K
R133 200K
R134 240K
C604 104
R625 10R
C603 47u/50V
Q605 KST2222
R624 10R
Q606 KTA1552
ZD608 V
R811 10R
C
ZD801 15V
C802 47u
C803 0.1u
D601 1SS133
Q601 C3209
ZD601 16V
PC153B PS2561A
PFC-ON
R605 1K8
18V
A
B
R135 2K
D123 1SS133
ZD122 11V
ZD121 8V2
D122 1SS133
R140 39K
R128 62K
R130 20K
Q121 C3198
C124 473
C128 473
R141 180K
R124 4K7
Q152 C3209
R125 1K5
PC151A PS2561A
AC-DET
R122 1K5
PC152A PS2561A
PFC-DET
D154 DIODE
R162 10K
R161 10K
R143 4K7
R121 4K7
220V-OK
PFC-OK
C129 154
R131 4K7
D121 1SS133
D124 1SS133
R132 4K7
U121 LM431
U122 LM431
C154 10u/50V
C155 104
ZD153 15V
R129 1K
C121 224
C122 224
C126 0.01u
MODEL:PS-7261-1-LF
INPUT:100-240V~ Max 4.0A 50/60Hz
5Vsc 5V 1.7A
STBY5V 5V 1.7A
9Vsc 9V 0.5A
16Vsc 16V 2.2A
(Vsc MAX:50W)
5Vsti 5.25V 3.0A
Va 56V-84V 1.2A
Vs 180V-195V 1.2A
(PDP Module MAX:240W)
(SMPS MAX:290W)
LITEON
2007.9.19
EAX41678701/1
PSPU-J706A
2300KEG026A-F
Rev1.0
MODEL : PDP32F1X031
712CD32F1029980.CCLGBND
Voltage Setting:5.2V/ Va:63V/ Vs:195V
N.A / 130 / 130 / N.A / 160
LG Electronics Inc.
CHINA 2007.12
PSPU-J706A-1/3


PFC
R801 0R16
D802 UF5408
D803 UF5408
R800 100K/2W
R802 100K/2W
C801 0.01u/630V
Q803 P6NK90ZFP
Q801 P6NK90ZFP
C804 220p/1KV
R813 10R
D804 4148
D801 4148
R804 10R
R812 330R
R809 330R
R814 10K
ZD807 20V
ZD806 20V
R803 10K
R816 0.15R/2W
D807 SB140
C805 1000p
R805 300R
R807 15K
R810 15K
D809 SB140
C807 56p
IC801 NCP1207A
DRV
VCC
NC
HV
GND
CS
FB
DMG
R808 10K
R815 150K
D806 1SS133
D805 1SS133
C
PC802B PS2561A VS-ON
C808 0.01u
C809 47u
Q802 KRC103M
Q804 KRC103M
R151 0R16
B
R152 10K
IC151 NCP1271A
HV
NC
VCC
DRV
SKIP/LATCH
FB
CS
GND
R154 51R
D151 1SS133
Q151 STP6NK90ZFP
R156 56R
R157 10K
ZD151 20V
R159 56R
R155 10K
C158 0.01u
ZD155 10V
PC201B PS2561A
D153 SD140
R158 R47/2W
A
D156 4007
C156 47u
ZD802 10V
C806 102
PC801B PS2561A
T201
C151 102
R153 62K
D152 4007
T801
D851 STTH512PF
C851 270p
R866 27R
R851 27R
C856 220u/250V
C857 220u/250V
D913 DIODE
IC901 FSCQ-0565RT
DRAIN
GND
VCC
VFB
SYNC
R901 0R16
R903 100K
R904 100K
R930 470R
C905 3900p
D902 DIODE 2K4
R909 2K4
L901 uH
R905 470R
C903 0.047u
PC901B PS2561A
D901 DIODE
C914 47u
C907 470u/100V
R921 6K8/2W
C904 22u
ZD901 18V
D906 UF4004
R850 4K7
R906 3K
R863 1K5
PC801A PS2561A
PC901A PS2561A
R907 1K5
R854 100K
R852 1K
R855 100K
C854 0.022u
R871 68K
C855 0.15u
R853 10R
R870 1K
L902 uH
VR851 50K
U851 LM431
R851 3K9
U901 LM431
R908 100K
C906 0.047u
R913 1K8
VA ADJ
R911 18K
R912 18K
VR901 20K
R872 22R/5W
D903 UF4007
D905 GPP10J
R865 220R/5W
Q852 FQPF9N25C
R867 100R
ZD805 20V
Q851 2SC3875
R868 22K
R869 10K
C853 0.1u
VS-DET
18V
DISCHARGE
VA-DET
P814 TO-(Z-SUS)
9 VS
8 VS
7 NC
6 GND
5 GND
4 GND
3 VA
2 GND
1 5V
D205 1SS133
5V
U204 KIA378R05PI
Vin
Vout
gnd
on
C215 470u
16V
R238 12K
M5V-ON
D206 1SS133
R735 680R
U205 KIA378R05PI
C216 100u
STBY5V
STBY5V-ON
D218 1SS133
FB704 uH
5VSC
U203 KIA378R05PI
C213 100u
FB703 uH
15 GND
14 STBY5V
13 5VSC
12 GND
11 9VSC
10 GND
9 16V
8 16V
7 GND
6 GND
5 M5V-ON
4 5V-MNT
3 VS-ON
2 RL-ON
1 AC-DET
P812 TO-MAIN
D204 VF20100SG
C209 680p
C210 2200u
C211 2200u
PC201A PS2561A
R218 1K
5V/5V4
R219 390R
R220 3K
C214 0.1u
R223 2K7
U206 LM431
R221 100R
R222 2K4
RL-1
Q201 FQPF11P06
16V
FB701 uH
D201 FML-G14S
R204 56K
18V
Q202 A1023
R207 27K
Q203 C3200
R208 4K7
C204 0.1u
R209 5K1
R213 2K2/2W
M5V-ON-IN
VS-ON
RL-ON
AC-DET
R705 1K
MULTI-ON
FB702 uH
C203 2200p
C206 0.022u
R206 470K
R210 9K1
D203 1SS133
C205 0.022u
D202 1SS133
R205 12K
U202 7809
Vin
Vout
GND
R202 10K
R203 10K
Q204 C3200
ZD201 6V8
R212 6K8
C202 470u
C207 470u
C208 47u
PSPU-J706A-2/3



POWER	MAIN-BOARD
GND	GND
STBY5V	5V-STANDBY
5VSC	5VSC
GND	GND
9VSC	9VSC
GND	GND
16V	AUDIO
16V	AUDIO
GND	GND
GND	GND
M5V-ON	STANDBY-POWER
5V-MNT	NC
VS-ON	READY-SON-1
RL-ON	STANDBY-POWER
AC-DET	NC

PSPU-J706A-3/3